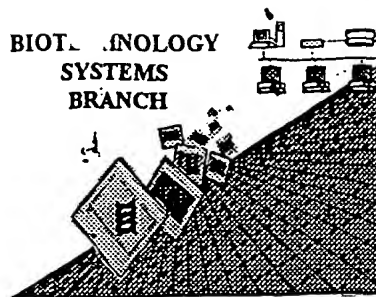


RAW SEQUENCE LISTING **ERROR REPORT**



0590
1212

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/993,756

Source: OIPE

Date Processed by STIC: 12/5/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

DATE: 12/05/2001

PATENT APPLICATION: US/09/993,756

TIME: 10:42:44

Input Set : A:\PF0111-3CONSEQLST.txt

Output Set: N:\CRF3\11212001\I993756.raw

Does Not Comply
Corrected Diskette Needed

Errors on P. 2

1 <110> APPLICANT: Bailleul, Bernard
 2 Strosberg, A. Donny
 3 Akerblom, Ingrid E.
 5 <120> TITLE OF INVENTION: NOVEL HUMAN LEPTIN RECEPTOR GENE-RELATED PROTEIN
 7 <130> FILE REFERENCE: PF-0111-3 CON
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/993,756
 C--> 10 <141> CURRENT FILING DATE: 2001-11-05
 12 <160> NUMBER OF SEQ ID NOS: 4
 13 <170> SOFTWARE: PERL Program
 15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 131
 17 <212> TYPE: PRT
 18 <213> ORGANISM: Homo sapiens
 20 <220> FEATURE:
 21 <221> NAME/KEY: misc_feature
 22 <223> OTHER INFORMATION: Incyte ID No: 492703
 24 <400> SEQUENCE: 1
 25 Met Ala Gly Val Lys Ala Leu Val Ala Leu Ser Phe Ser Gly Ala
 26 1 5 10 15
 27 Ile Gly Leu Thr Phe Leu Met Leu Gly Cys Ala Leu Glu Asp Tyr
 28 20 25 30
 29 Gly Val Tyr Trp Pro Leu Phe Val Leu Ile Phe His Gly Ile Ser
 30 35 40 45
 31 Pro Ile Pro His Phe Ile Ala Lys Arg Val Thr Tyr Asp Ser Asp
 32 50 55 60
 33 Ala Thr Ser Ser Ala Cys Arg Glu Leu Ala Tyr Phe Phe Thr Thr
 34 65 70 75
 35 Gly Ile Val Val Ser Ala Phe Gly Phe Pro Val Ile Leu Ala Arg
 36 80 85 90
 37 Val Ala Val Ile Lys Trp Gly Ala Cys Gly Leu Val Leu Ala Gly
 38 95 100 105
 39 Asn Ala Val Ile Phe Leu Thr Ile Gln Gly Phe Phe Leu Ile Phe
 40 110 115 120
 41 Gly Arg Gly Asp Asp Phe Ser Trp Glu Gln Trp
 42 125 130
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 874
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Homo sapiens
 49 <220> FEATURE:
 50 <221> NAME/KEY: misc_feature
 51 <223> OTHER INFORMATION: Incyte ID No: 492703
 53 <220> FEATURE:
 54 <221> NAME/KEY: unsure
 55 <222> LOCATION: 40, 852, 862
 56 <223> OTHER INFORMATION: a, t, c, g, or other
 58 <400> SEQUENCE: 2

This is normally used to
 explain location of n^{or} xaa
 residue n^{or} xaa represents

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/993,756

DATE: 12/05/2001

TIME: 10:42:44

Input Set : A:\PF0111-3CONSEQLST.txt

Output Set: N:\CRF3\11212001\I993756.raw

*5 can only represent
g or c*

```

59 gtctggcttg ggcaggctgc ccgggccgtg gcaggaagc ggaagcagcc gcggccccag 60
60 ttcgggagac atggcgggcg ttaaagctct cgtggcatta tccttcagt gggctattgg 120
61 actgactttt cttatgctgg gatgtgcctt agaggattat ggcgtttact ggcccttatt 180
62 cgtcctgatt ttccacggca tctcccccatt ccccatcttc attgccaaaa gagtcaccta 240
63 tgactcagat gcaaccagta gtgectgtcg ggaactggca tatttcttca ctactggaat 300
64 tgttgtttct gcctttggat ttcctgttat tcttgctcgt gtggctgtga tcaaattggg 360
65 agcctgcggc cttgtgttgg caggcaatgc agtcattttc cttacaattc aagggttttt 420
66 ccttatattt ggaagaggag atgatttttag ctgggagcag tggtagcact ttattctgat 480
67 tacagtgcac tgaatttctt agaactcata ctatctgtat acatgtgcac atgcggcatt 540
68 ttactatgaa atttaatatg ctgggttttt taataccttt atatatcatg ttcactttaa 600
69 gaaagacttc ataagtagga gatgagtttt attctcagca aatagacctg tcaaatttag 660
70 attatgttac tcaaattatg ttacttgttt ggctgttcat gtagtcacgg tgctctcaga 720
71 aaatatatta acgcagtctt gtaggcagct gccaccttat gcagtgcac gaaacctttt 780
72 gcttggggat gtgcttggag aggcagataa cgtgaagca ggcctctcat gaccaggaa 840
73 ggccggggtg ggcctctctt tctttgttag tcca 874

```

75 <210> SEQ ID NO: 3

76 <211> LENGTH: 145

77 <212> TYPE: PRT

78 <213> ORGANISM: Homo sapiens

80 <300> PUBLICATION INFORMATION:

81 <308> DATABASE ACCESSION NO: Genbank ID No: g733888

W--> 83 <300> PUBLICATION INFORMATION: 3

→ <400> should be used

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84 Met Cys Cys His Ile His Ile Gln Cys Phe Asp Cys Cys Ser Met
85 1 5 10 15
86 Lys Asn Thr Ile Leu Ala Val Ala Ala Leu Ala Phe Ala Gly Val
87 20 25 30
88 Val Gly Leu Thr Phe Leu Val Leu Gly Cys Ala Leu Pro Arg Tyr
89 35 40 45
90 Gly Thr Trp Thr Pro Met Phe Val Ile Thr Phe Tyr Val Leu Ser
91 50 55 60
92 Pro Val Pro Leu Leu Ile Ala Arg Arg Phe Gln Glu Asp Met Thr
93 65 70 75
94 Gly Thr Asn Ala Cys Ile Glu Leu Ala Leu Phe Ile Thr Thr Gly
95 80 85 90
96 Ile Val Ile Ser Ala Phe Ala Leu Pro Ile Val Leu Ala His Ala
97 95 100 105
98 Gly Thr Ile Ala Met Ser Ala Cys Phe Leu Ile Phe Ile Ala Asn
99 110 115 120
100 Ser Ile Asn Phe Ser Val Ile Ile Phe Tyr Phe Arg Ile Phe Asn
101 125 130 135
102 Gly Glu Asp Met Asn Gly Met Ser Leu Trp
103 140 145

```

105 <210> SEQ ID NO: 4

106 <211> LENGTH: 140

107 <212> TYPE: PRT

108 <213> ORGANISM: Homo sapiens

110 <300> PUBLICATION INFORMATION:

111 <308> DATABASE ACCESSION NO: Genbank ID No: g1197072

W--> 113 <300> PUBLICATION INFORMATION: 4

→ <400>

RAW SEQUENCE LISTING

DATE: 12/05/2001

PATENT APPLICATION: US/09/993,756

TIME: 10:42:44

Input Set : A:\PF0111-3CONSEQLST.txt

Output Set: N:\CRF3\11212001\I993756.raw

```

114 Met Met Glu Phe Lys Val Ser Pro Leu Thr Lys Ile Ile Ser Leu
115   1           5           10           15
116 Ser Gly Phe Leu Ala Leu Gly Phe Leu Leu Val Ile Leu Ser Cys
117           20           25           30
118 Ala Leu Phe His Asn Tyr Tyr Pro Leu Phe Asp Ile Leu Ile Phe
119           35           40           45
120 Leu Leu Ala Pro Ile Pro Asn Thr Ile Phe Asn Ala Gly Asn Lys
121           50           55           60
122 Tyr His Thr Ser Asp Phe Met Ser Asp Ser Ser Asn Thr Gly Gln
123           65           70           75
124 Asp Leu Ala His Phe Leu Thr Gly Met Leu Val Thr Ser Gly Ile
125           80           85           90
126 Ala Leu Pro Val Val Phe Tyr His Cys Gln Leu Ile Gly His Leu
127           95          100          105
128 Ser Cys Ile Met Cys Met Ile Gly Gly Leu Ile Ile Tyr Ser Ser
129           110          115          120
130 Ile Val Ile Phe Lys Trp Phe Phe Lys Lys Asp Phe Asn Glu Asp
131           125          130          135
132 Asp Ser Leu Phe Gly
133           140

```

VERIFICATION SUMMARY

DATE: 12/05/2001

PATENT APPLICATION: US/09/993,756

TIME: 10:42:45

Input Set : A:\PF0111-3CONSEQLST.txt

Output Set: N:\CRF3\11212001\I993756.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:83 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:3

L:113 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:4